BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

Estimate Cost Rs. **1000000.00**

Name of Work: Detailed Estimate for the Work of Providing and instaling new New Motor Pumps in Ward No. 06 Byatarayanapura Sub Division

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Supply & delivery at site brand new texmo/innoval/lubi/sabar /Atalanta/calamal/ waterman/Radha make suitable HP deep well submercible pumpset suitable for vertical installation in 150 dia borewells compressing of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water squirrel cagesubmercible induction motor suitable for operation of 3Ph, 50Hz.380/440 volts AC supply fitted with required accessories such as suction, casing, suction strainers, sand guard. Non return valve etc Complete the pump and motor shall from an integral unit with all the required fittings 15.000 HP 25 stage (P.NO-XXXXIII, I.NO-33, PWD SR 13-14)	No							
	15 HP 30 Stage		5				**5**	70685.00	**353425.00**
	12.5 HP 25 Stage		5				**5**	60451.50	**302258.00**
	Total								
2	Providing, laying & jointing GI pipes confirming to IS specification of approved make with fittings such as collars bends elbows tees nipples plugs with cuts threads using white lead & threads for joints wherever necessary as per direction including all lead & lift etc,. complete 'A' grade(excluding cost of fittings)b50mm dia GI pipe (SR 13-14 PWD, P.No.XVII Sl.no. 509)	Rmtr							
			1	440.00			**440.00**	340.26	**149714.00**
	Basic Rate	321.00							
	6% area weightage	19.26							
	Total	**340.26**							
3	Supplying and drawing 3 core PVC Sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS: 8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts 4 sqmm of 56 strands 0.3mm dia (P.NO-535, I.NO-30 (c), BWSSB 12-13 SR)	Mtr							
			1	500.00			**500.00**	164.29	**82143.00**
	Basic Rate	159.50							
	6% area weightage	4.79							
	Total	**164.29**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.							
			5				**5.00**	14800.00	**74000.00**
5	Fabricating supplying and mounting MS box of 16 SWG suitable for floor / wall mounting, fully weather proof with provision for better hear description, (providing with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primes paint and finally finished with approved colour enamelled metal paint etc,. complete box of 21600 sq cm (P.NO-530, I.NO-39 b, BWSSB SR 13-14)	Sqm							
			5	1100.00	20.00		**110000.00**	0.34	**37389.00**
	Basic Rate	0.33							
	3% area weightage	0.01							
	Total	**0.34**							
6	Miscellaneous and Unforeseen Charges	**L/S**							**1071.00**
									1000000.00

Rupees Ten Lakh(s) Only

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PRED S.R.2013-14 of Rural Engineering Department
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer

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ಬೃ.ಬೆ.ಮ.ಪಾ., ಬೆಂಗಳೂರು

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division
Bangalore-24

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division
Bangalore - 92

ADMINISTRATIVE APPROVAL
Accorded For Rs. Ten lakhs only
Head of A/c P-1771
Div. Ref. No. 178 Date 14/12/15
AE

TECHNICAL SANCTION
Accorded For Rs. Ten lakhs only
Head of A/c P-1771
Div. Ref. No. 179 Date 14/12/15
AE

EE(BTP) 14/12/15

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